



Washington Department of Fish and Wildlife

Fish Passage & Diversion Screening Inventory Database Report Cover Sheet

The following report is extracted from the Washington Department of Fish and Wildlife's (WDFW) Fish Passage and Diversion Screening Inventory Database (FPDSI). WDFW makes every attempt to keep these reports in sync with FPDSI; however, the dynamic nature of the data and workflows associated with maintaining the database may result in short-term differences.

Users are encouraged to contact WDFW to discuss appropriate use of the data and how we can assist with fish passage barrier removal or inventory. Please visit the Fish Passage web site for contact information at: <https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about>

Disclaimers:

- Data presented here represent a snapshot observation of conditions in a dynamic environment that is subject to change. Fish passage data are also collected from a variety of agencies and sources. Therefore, WDFW makes no guarantee concerning the data's content, accuracy, completeness, or the results obtained from use of the data. WDFW assumes no liability for the data represented here.
- These data are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife.
- Note that some fish passage features, habitats or species may occur in areas not currently known to the WDFW Fish Passage division, and may not be reflected in this database. A lack of data does not necessarily indicate that a feature, habitat, or species are not present.
- Unauthorized attempts to alter or modify these data are strictly prohibited.
- Bankfull width measurements included in these reports should not be used for fish passage crossing design. They are solely for assessment purposes.
- The barrier status reported in this document is based on the swimming abilities of adult salmonids. Passabilities are a qualitative value, and should not be interpreted as a quantitative calculation. Please see page 1-4 of the Fish Passage Inventory, Assessment and Prioritization Manual for further clarification: <https://wdfw.wa.gov/publications/02061>
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.

Abbreviations:

Most abbreviations in this report are defined in the Quick Reference Tables of the Fish Passage Inventory, Assessment, and Prioritization Manual. Additional commonly used abbreviations are defined as follows:

NFB = no potential salmonid use, **BB** = both banks, **LB** = left bank looking downstream, **RB** = right bank looking downstream, **US** or **U/S** = upstream, **DS** or **D/S** = downstream, **WSDrop** = water surface drop, **BFW** = bankfull width, **OHW** = ordinary high water, **SLW** = scour line width, **CMP** = corrugated metal pipe, **Q_{fp}** = fish passage flow, **V&D** = Velocity and Depth, **ROW** = Right of Way

The FPDSI database often uses default values such as '-99.99' or '-999' to represent null values.

WDFW Fish Passage and Diversion Screening Inventory Database

Site Description Report

Site ID 990395

Project WSDOT

☐ Mitigated

Geographic Coordinates

Latitude (WGS 84): 47.8321495
Longitude (WGS 84): -122.6246643
East (NAD 83 HARN): 1,118,520.0
North (NAD 83 HARN): 918,367.3

Waterbody

Stream: Spring Cr
Tributary To: Hood Canal
WRIA: 15.0364
River Mile: 0.20
Fish Use Potential: Yes
FUP Criteria: Biological

General Location

Road Name: SR 3
Mile Post: 58.49
County: Kitsap
WDFW Region: 6

Owner

Type: State
Name: Washington State Department of Transportation

PI Species

☐ Sockeye ☐ Chinook ☒ Sea Run Cutthroat
☐ Pink ☒ Coho ☒ Resident Trout
☐ Chum ☒ Steelhead ☐ Bull Trout

Associated Features

☒ Culvert ☐ Dam ☐ Natural Barrier ☐ Diversion
☐ Non-Culvert Xing ☐ Other ☐ Fishway

Location/Directions

Plotted at milepost 58.53 on GIS map.

Site Comments

Cr is also known as Hudson Cr.

11/19/2021

These data represent a snapshot of the Washington Department of Fish and Wildlife's current records. Due to the ongoing nature of assessment and inventory of these features, these data may not accurately represent conditions on the ground, and are subject to change.

WDFW Fish Passage and Diversion Screening Inventory Database

Level A Culvert Assessment Report

Site ID:	990395		
Latitude:	47.8321495	Stream:	Spring Cr
Longitude:	-122.6246643	Tributary To:	Hood Canal
		WRIA:	15.0364
		Fish Use Potential:	Yes

Data Source:	Washington Department of Fish and Wildlife		
Field Crew:	Kunz;Soncarty	Review Date:	7/7/2000

Culvert Details								Level A Parameters					
ID	Shape	Material	Span	Rise	Length	WDIC	Apron	WSDrop	Location	Countersunk	Backwater	Slope (%)	Sediment
1.1	RND	PCC	0.91	0.91	33.20	0.20	NO	0.00				1.79	
All dimensions in meters													

Channel Description	
Toe Width (m):	1.96
Average Width (m):	-99.99
Culvert/Stream Width Ratio:	0.47
Plunge Pool	
Length (m):	-999.99
Max Depth (m):	-99.99
OHW Width (m):	-999.99
Road	
Fill Depth (m):	4.50



Assessment Results		Tidal Influence:		Tidegate Present:	No
Barrier:	Yes	Passability (%):	0	Method:	Level A
Reason:	Slope	Fishway Present:	No	Recheck:	

Comments
Re-checked by Soncarty/Kunz on 7/7/00. Water exits pipe into sm. pool w/in medium size rip rap, then drops ~.3m down the rip rap for a distance of ~1.5m. No evidence of scour. 0.30 cst 1/2 pipe chute draining SR3 runoff above pipe.

Potential Habitat Gain					
Survey Type:	PS4	Spawning (sq m):	1,094	Length (m):	1,441
Significant Reach:	Yes	Rearing (sq m):	1,578	PI Total	13.37

11/19/2021

These data represent a snapshot of the Washington Department of Fish and Wildlife's current records. Due to the ongoing nature of assessment and inventory of these features, these data may not accurately represent conditions on the ground, and are subject to change.

WDFW Fish Passage and Diversion Screening Inventory Database

Habitat Survey Summary Report

Site ID: **990395**

Latitude: **47.8321495** Longitude: **-122.6246643** WRIA: **15.0364**

Stream: **Spring Cr** Tributary To: **Hood Canal** PI Total: **13.37**

Survey Type

Spreadsheet File(s):

Downstream Survey

Date: Crew: Length (m):

Downstream Comments:

Upstream Survey

Date: Crew: Length (m):

Upstream Comments:

Potential Habitat Gain

Lineal (m):

Spawning Area (sq m):

Rearing Area (sq m):

Distribution

- ☒ Anadromous
☐ Resident Only
☐ Unknown

Gain Direction (Resident Only):

Potential Species Benefit

☐ Sockeye / Kokanee

☐ Chinook

☒ Searun Cutthroat

☐ Pink

☒ Coho

☒ Resident Trout

☐ Chum

☒ Steelhead

☐ Bull Trout

11/19/2021

These data represent a snapshot of the Washington Department of Fish and Wildlife's current records. Due to the ongoing nature of assessment and inventory of these features, these data may not accurately represent conditions on the ground, and are subject to change.

WDFW Fish Passage and Diversion Screening Inventory Database

Barrier Priority Index Report

Site ID: 990395

Stream	Spring Cr	Trib To	Hood Canal	WRIA	15.0364
Habitat (H) Estimation Method			PS4		

	B	H	M	D	C	Species PI
Sockeye					2	
Pink			2		2	
Chum			2		2	
Coho	1	1,556	2	1	2	4.20
Chinook			2		2	
Steelhead	1	1,556	2	1	2	1.90
Searun Cutthroat	1	1,578	2	1	2	3.91
Resident Trout	1	1,578	1	1	2	3.36
Dolly/Bull Trout					2	
	TOTAL PI					13.37

B = proportion of fish passage improvement (1, 0.67, 0.33).

H = potential habitat gain (square meters), spawning habitat for sockeye, pink and chum, rearing habitat for the rest.

M= mobility modifier (anadromous = 2, resident = 1).

D = stock condition modifier (critical = 3, depressed = 2, not 2 or 3 = 1).

C= repair cost modifier (<\$100K = 3, \$100K - \$500K = 2, >\$500K = 1).

11/19/2021

These data represent a snapshot of the Washington Department of Fish and Wildlife's current records. Due to the ongoing nature of assessment and inventory of these features, these data may not accurately represent conditions on the ground, and are subject to change.